SECTION J – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

ATTACHMENT 5.2 PORTSMOUTH

FUNDING RESTRICTIONS, PBS NARRATIVES, WORK BREAKDOWN STRUCTURE (WBS)

SECTION J- LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS
PORTSMOUTH - PBS NARRATIVE/PBS STRUCTURE/FUNDING RESTRICTIONS

FUNDING RESTRICTIONS:

The funding restrictions are as follows:

Portsmouth Funding Restrictions by PBS ($M)

PBS	FY04	FY05	FY06	FY07	FY08	FY09
PO-0020	$.00	$.2	$.2	$.2	$.3	$.3
PO-0011	$3.2	$8.0	$6.3	$12.7	$4.4	$.5
PO-0041	$.5	$4.1	$4.0	$10.0	$0.0	$0.0
PO-0013	$3.3	$49.5	$45.9	$17.7	$0.0	$0.0
PO-0040	$7.0	$23.2	$17.6	$24.4	$21.3	$8.2

This table represents anticipated funding and does not reflect the Government's Estimate or Baseline. The contractor shall comply with these funding restrictions.

The PBS narrative identifies the type of activities that can be performed for each type of funding. Activities shall be performed in accordance with the SOW and within the funding restrictions set forth for each PBS in the table above. Funding can be shifted between PO-0011 and PO-0041 or between PO-0013 and PO-0040, if requested by the contractor and approved by DOE.

PBS NARRATIVES:

PO-0011 - NM Stabilization and Disposition-Portsmouth Uranium Facilities Management

Lifecycle Project Description: This PBS scope manages the Highly Enriched Uranium Program, performs surveillance and maintenance on the former Uranium Program facilities, management of approximately 19,000 uranium hexafluoride cylinders, and manages legacy polychlorinated biphenyl contamination. The Highly Enriched Uranium Program activities will continue until a decision is made to place Highly Enriched Uranium process building X -326 into the decontamination and decommissioning program currently estimated to be beyond 2010. The Highly Enriched Uranium Program stores, ships, treats, and disposes of filter and incinerator ashes; disposes of the remaining highly enriched uranium materials (i.e. oils, acids, and alumina) stored in X -326 L-Cage; provides interim storage of highly enriched uranium materials at the Nuclear Fuel Service facility; performs engineering design, special equipment procurement, construction, and safety/regulatory reviews of small-scale highly enriched uranium-uranium hexafluoride for the Oxide Conversion Facility at Nuclear Fuel Service facility; performs surveillance and maintenance on the 158 permanently shut down cells in X -326; and operates Enriched Uranium-DOE Materials Storage Area-12. Surveillance and maintenance of DOE

leased and non-leased facilities, two cylinder yards, inventories of Special Nuclear Materials, and technical support to cold standby activities are performed. Management of depleted uranium hexafluoride cylinders will continue until October 2005, when turnover to the depleted uranium hexafluoride conversion facility operator occurs. Another activity covered by this PBS scope includes management of polychlorinated biphenyls. Gaskets impregnated with polychlorinated biphenyl were used in the ventilation duct systems of the Portsmouth Gaseous Diffusion Plant, and operations have resulted in leakage of polychlorinated biphenyl contaminated lubrication oils used in motor and compressor bearings. The polychlorinated biphenyl project includes activities related to and maintaining compliance with the Toxic Substances Control Act (40 CFR 761), Uranium Enrichment Toxic Substances Control Act Federal Facilities Compliance Agreement of 1992, as well as DOE Orders and other applicable requirements. Polychlorinated biphenyl activities include inspections of transformers, checks of spill sites, inspection, repair, and maintenance of troughs and collection systems, cleanup of spills, sampling and analysis of spills and equipment, and compliance reporting. The compliance measures of the Uranium Enrichment Toxic Substances Control Act Federal Facilities Compliance Agreement of 1992 have varied completion requirement dates. The measures having the latest completion dates are the removal of gaskets, ducts and hydraulics systems which must be complete between the facility decommissioning date and ten years after that date. The completion of polychlorinated biphenyl storage issues must be by 2016 or within ten years of starting storage. Periodic polychlorinated biphenyl air sampling in the process buildings must continue until one year after the facility is shut down.

PO-0011X - NM Stabilization and Disposition-Depleted Uranium Hexaflouride Conversion

Lifecycle Project Description: This legacy of approximately 700,000 metric tons of DUF6 is currently stored at the Paducah site in Kentucky, the Portsmouth site in Ohio, and the East Tennessee Technology Park in Tennessee (formerly known as the K -25 site). This DUF6 inventory is stored outdoors in approximately 63,300 large steel cylinders, typically 12 feet long by 4 feet in diameter. Approximately 38,000 cylinders are stored at the Paducah, 19,000 at the Portsmouth, and 6,300 at the East Tennessee Technology Park. The mission of the DUF6 Conversion Project is to provide for the conversion of DOE's DUF6 inventory to a more stable chemical form suitable for beneficial use or disposal. The project will provide for the design and construction of conversion facilities at Paducah and Portsmouth; for cylinder surveillance and maintenance at all three sites; for the transport of cylinders containing DUF6 from the East Tennessee Technology Park (ETTP) at Oak Ridge, TN to Portsmouth; for the operation of the Paducah and Portsmouth facilities to convert the DUF6 inventory; for the disposal or reuse of all converted DUF6, byproducts, and wastes; and for storage of low enriched uranium and natural assay uranium included in the inventory. Conversion of the existing DUF6 inventory should take approximately 25 years.

PO-0013 - Solid Waste Stabilization and Disposition

Lifecycle Project Description: This PBS scope stores, characterizes, treats, and disposes of legacy waste generated by activities at the Portsmouth Gaseous Diffusion Plant prior to 1993. This will reduce risks and storage costs. The primary waste steams are low-level, mixed low-level, Toxic Substances Control Act-low level, hazardous, and sanitary wastes. The life-cycle

estimate for the low-level and mixed low -level wastes to be addressed is 32,972 m3. Prior to FY 2003, 13,249 m3 had been dispositioned. DOE plans to disposition all of the remaining legacy waste by the end of FY 2007. The waste streams have been ranked for treatment and disposal using a risk-based prioritization system. This project also implements pollution prevention projects to reduce the generation, volume, toxicity, and release of multi-media waste, to promote the use of non-hazardous materials, and to achieve operating efficiency though the application of pollution prevention principles. Disposal of legacy was is critical to accelerating cleanup of the site.

PO-0020 - Safeguards and Security

Lifecycle Project Description: This PBS provides an integrated Safeguards and Security Program which includes the following program elements: Physical Protection Protective Forces; Physical Security Systems to include sub -elements barrier/secure storage/locks and entry control/access controls; Information Security to information protection, classification/declassification, technical surveillance countermeasures, and operations security; Personnel security including subtopics clearance program, security awareness, and visit control; Material Control and Accountability; Program Management which includes planning, professional training and development, and policy oversight and administration; Cyber Security which includes classified computer security and communications security. Protective Force personnel are employed on various fixed and mobile posts to perform normal and emergency security tasks. Information security includes protection of classified and unclassified sensitive information and classification, declassification and review of documents for release to the public including Freedom of Information Act and Privacy Act requests, litigation responses (limited number). Cyber Security includes the maintenance of one stand-alone desktop computer approved for classified processing. Oversight and Management of Nuclear Material Control and Accountability activities is provided. Personnel Security provides processing access authorizations, security education and awareness and badging support. This project is expected to continue as long as DOE and the United States Enrichment Corporation have a site presence.

PO-0040 - Nuclear Facility D&D-Portsmouth

Lifecycle Project Description: Remedial action, surveillance and maintenance, and decontamination and decommissioning activities at the Portsmouth Gaseous Diffusion Plant are necessary due to contamination resulting from the plant's uranium enrichment operations. The Portsmouth mission, which began in 1954, was to enrich uranium for naval and commercial reactors through the gaseous diffusion process. Enrichment operations were shut down in June 2001, and the plant is currently in a cold-standby state. Groundwater, sediment and soil contamination exists at the site, contaminants of concern include uranium, radioactive technetium-99, polychlorinated biphenyls, trichloroethene, and Resource Conservation and Recovery Act heavy metals. Contamination is not known to have spread off-site. There are 104 Resource Conservation and Recovery Act Corrective Action Program Solid Waste Management Units requiring characterization and possible remediation. In addition, there are several regulated land disposal units being addressed under the State of Ohio Resource Conservation and Recovery Act Closure and Solid Waste programs. Since cleanup activities began, all initial assessments required under Resource Conservation and Recovery Act have been completed, all

ground -water plumes contained on site, and 27 hazardous and solid waste units closed. The remediation of some units has been deferred until D&D of the site. By the end of FY 2006, assessments and remedial actions will have been completed for all non-deferred units except X -701B Groundwater and Soils. Remedial actions for X -701B Groundwater and Soils will be ongoing through FY 2009. DOE will continue to operate active and passive groundwater treatment systems until regulatory-directed cleanup levels are achieved. Surveillance and maintenance of remedial action sites will continue beyond FY 2006. Tasks associated with the PORTS Environmental Monitoring program will be to continue to monitor and evaluate the effects of past and current practices to the environment and the effectiveness of chosen remedial actions. The continuing presence of the United States Enrichment Corporation's Cold Standby activities and advanced centrifuge technology deployment have delayed any decision on the eventual Decontamination and Decommission (D&D) of the Gaseous Diffusion Plant (GDP) and the related Environmental Restoration Deferred Units.

PO-0041 - Nuclear Facility D&D-Portsmouth GCEP

Lifecycle Project Description: This PBS scope accelerates cleanup of the Gaseous Centrifuge Experimental Process facilities for use by the United States Enrichment Corporation in the development of an advanced uranium enrichment process. On December 4, 2002, the United States Enrichment Corporation announced that it will site its lead cascade centrifuge uranium test facility at the Portsmouth site. This announcement was based on the June 17, 2002, agreement between DOE and the United States Enrichment Corporation where DOE committed to work with the United States Enrichment Corporation in its development and deployment of an advanced centrifuge uranium enrichment plant by 2010-2011. Part of this commitment involves the cleanup of the Gas Centrifuge Enrichment Plant facilities at Portsmouth.

PO-0101 - Portsmouth Cold Standby

Lifecycle Project Description: The Department decided on March 1, 2001, to place Portsmouth Gaseous Diffusion Plant in cold standby after the United States Enrichment Corporation decided to cease the production of enriched uranium at the plant. This PBS scope maintains the inactive gaseous diffusion plant equipment in cold standby so that operations can be restarted within eighteen to twenty-four months, if necessary. Activities include purging the cascade process equipment of uranium hexafluoride, buffering with dry air, maintaining the freon inventory, removal of uranium deposits from systems and equipment, and the heating of several buildings on the site to prevent damage from freezing in winter. It is assumed in FY 2004 the Government will continue to operate the shipping and transfer facilities to remove technitium-99 from contaminated uranium enriched inventory. The Portsmouth plant will be taken out of the cold standby state and transitioned to decontamination and decommissioning pending the successful development of new technology for enriching uranium. The current plan is for the United States Enrichment Corporation to have an Advanced Centrifuge Facility built and ready to operate by 2010-2011. The plant is currently being maintained in Cold Standby status under a contract with the United States Enrichment Corporation.

PO-0103 - Portsmouth Contract/Post-Closure Liabilities/Administration (D&D Fund)

Lifecycle Project Description: The scope of this PBS supports ongoing litigation expenses and record searches in support of litigation. These are ongoing level of effort tasks that require annual funding. The litigation funding supports the defense of numerous legal cases filed by plaintiffs alleging damages from or relating to the Portsmouth Gaseous Diffusion Plant. The record search task provides support to the legal effort as well as record searches for DOE and DOJ investigations/studies, Freedom of Information Act requests, and requests from both State and Federal regulatory and elected officials. There is no clear end state to these activities. The DOE will be required to defend itself against current legal cases as well as cases that may be filed in the future. The record search activity will continue in support of litigation as well as miscellaneous requests for information.

1.0 COST BREAKOUT WBS PORTSMOUTH REMEDIATION

			FY04	FY05	FY06	FY07	FY08	FY09	TOTAL
.1		**ENVIRONMENTAL REMEDIATION**							
	.1	Quadrant II Remedial Actions							
	.2	Scrap Yard							
	.3	Inactive Facilities Removal							
	.4	Post Remediation S&M							
	.5	Environmental Monitoring and Reporting							
.2		**WASTE MANAGEMENT, STORAGE OPERATIONS AND FACILITY MAINTENANCE**							
	.1	Management and Operations							
.3		**URANIUM PROGRAMS**							
	.1	Highly Enriched Uranium Program							
	.2	S&M and transition of Depleted Uranium Hexafluoride (DUF6) Cylinder.							
	.3	PCB Activities							
.4		**GASEOUS CENTRIFUGE ENRICHMENT PLANT ACTIVITIES**							
	.1	Transition of facilities and related actions							
.5		**URANIUM MANAGEMENT GROUP ACTIVITIES**							
	.1	Storage and disposition of materials							
.6		**ONSITE DISPOSAL CELL PLANNING**							
	.1	Planning through CERCLA process for a Disposal Cell							

1.0		COST BREAKOUT WBS PORTSMOUTH							
		REMEDIATION	FY04	FY05	FY06	FY07	FY08	FY09	TOTAL
.7		PROJECT SUPPORT							
	.1	Project Management							
	.2	ISMS							
	.3	ES&H							
	.4	Administration							
	.5	Transportation							
	.6	Records Management							
	.7	Safeguards and Security							

further detailed breakout is at offeror's discretion